

ABSTRACT

A conformal air defense (CAD) system is provided which is adapted to be attached externally to an aircraft as an appendage. The CAD system includes a conformal mounting adapter having an aircraft-to-adapter interface and upper adapter side. A mounting structure is provided which has an adapter interface and a mounting side, wherein the adapter interface is attached to the upper adapter side. A missile countermeasures system is mounted on the mounting side of the mounting structure. And a cover substantially encloses the countermeasures system, wherein the cover is removably fastened to the mounting side of the mounting structure.